

To: File

From: Erich Webber

Date: September 21, 2015

**Subject: Trip Report**

**Maynardville WD - Lay Springs WTP, NPDES Permit # TN0081736**

**Maynardville WD - Davis Springs WTP, NPDES Permit # TN0081744**

**Union County**

On September 18, 2015, I visited Maynardville Water Department to discuss submittal of the Filter Backwash Discharge Monitoring Reports (DMR). Maynardville Water Department had received a permit to discharge filter backwash water from their two drinking water plants, but it appeared that they had not submitted any DMRs for July and August 2015.

My first stop was at the Davis Springs Water Treatment Plant (WTP) where I found the plant in operation and Mr. Alan Padgett present. I inquired about the DMRs and Mr. Padgett did confirm that Maynardville did discharge but he was not aware of any sampling conducted. Mr. Padgett referred me to Mr. Jim Warwick and Mr. Jack Rhyne. Mr. Padgett was able to show me a copy of the latest permit on-site and we discussed the permit sampling requirements. During my visit we also discussed sitting for the Water Treatment exam and I observed a finished chlorine residual of 2.3 mg/L on the HACH CL17. A security fence had also been erected around the WTP as requested in the recent Sanitary Survey letter.

After completing a wastewater inspection that day, I stopped by the Lay Springs WTP and found the gates locked. On the way to City Hall, I observed Mr. Jim Warwick flushing the dead-end of Hickory Valley Road. Pictures of the flushing event are attached. I again inquired about the NPDES Filter discharge and Mr. Warwick referred me to Mr. Jack Rhyne as there was a question on who would be responsible for conducting the testing. Mr. Warwick also confirmed that no testing had been completed in July or August.

After talking to Mr. Warwick, I then met with Mr. Jack Rhyne at City Hall. Mr. Rhyne initially believed that the water system did not need to begin compliance sampling until November. I told Mr. Rhyne that sampling was required when the permit was issued. We discussed Mr. Padgett and Mr. Warwick conducting some of the analysis, total chlorine and pH, that was time sensitive and Mr. Michael Payne conducting the Total Suspended Solids and Settable Solids at the wastewater treatment plant. I suggested that samples for iron and aluminum be sent off to a commercial lab as the lab equipment to properly analyze the samples would be expensive. I inquired if Mr. Rhyne had received any pre-printed DMRs and he said that he did not recall seeing any. I told Mr. Rhyne that I would follow-up with our Central Office on getting some DMRs to Maynardville. I sent an email to our Compliance and Enforcement Section requesting DMRs be sent to Maynardville.

